

Р†РќРЎРЎР РЈРЉРІР†РЇ

**PrP»CЦ PjPμPrPëC‡PSPsPiPs P•P°CíC,PsCíCíPIP°PSPSCЦ P»C-PeP°CĤCíCĤPePsPiPs
P•P°CíPsP±Cí**

$$P_L P_{\hbar} P \ P'' P_J P \ P_{\hbar}^0$$

(CARDURA[®])

$P\check{Y}P\epsilon P\gg P^{\circ}P\Gamma$:

$PrC-C\bar{H}C\sharp P^{\circ} C\bar{H}P_{\mu}C\sharp PsPIP\ddot{e}PSP^{\circ}$: doxazosin;

C,P°P±P»PμC,PePë PiPs 1 PjPi: 1 C,P°P±P»PμC,PeP° PjC-ClC,PëC,CH 1,213 PjPi
PrPsPeClP°P·PsP·PëPSCr PjPμP·PëP»P°C,Cr, C%Ps PμPePIC-PIP°P»PμPSC,PSPs 1 PjPi
PrPsPeClP°P·PsP·PëPSCr;

C,P°P±P»PμC,PePë PiPs 2 PjPi: 1 C,P°P±P»PμC,PeP° PjC-Cl'C,PëC,CH 2,43 PjPi
PrPsPeCl'P°P·PsP·PëPSCr' PjPμP·PëP»P°C,Cr', C%Ps PμPePIC-PIP°P»PμPSC,PSPs 2 PjPi
PrPsPeCl'P°P·PsP·PëPSCr';

C,P°P±P»PμC,PePë PiPs 4 PjPi: 1 C,P°P±P»PμC,PeP° PjC-Cl'C,PëC,CH 4,85 PjPi
PrPsPeCl'P°P·PsP·PëPSCr PjPμP·PëP»P°C,Cr, C%Ps PμPePIC-PIP°P»PμPSC,PSPs 4 PjPi
PrPsPeCl'P°P·PsP·PëPSCr;

PrPsPiPsPjC-P¶PSC- CḡPμC‡PsPIPëPSPë: P»P°PeC,PsP·P°, PjPsPSPsPiC-PrCḡP°C,; PjP°PiPSC-CḡCḡC,PμP°CḡP°C,; C‡PμP»CḡP»PsP·P° PjC-PeCḡPsPeCḡPëCḡC,P°P»C-C‡PSP°; PSP°C,CḡC-CḡP»P°CḡCḡPëP»CḡCḡP»CḡC,,P°C,; PSP°C,CḡC-Cḡ PeCḡPsC...PjP°P»CḡPiP»C-PePsP»CḡC, (C,PëPiPḡ).

$$\mathbf{P} \rightarrow \mathbf{C} - \mathbf{P} \mathbf{e} \mathbf{P}^{\circ} \mathbf{C} \mathbf{F} \mathbf{C} \mathbf{F} \mathbf{C} \mathbf{H} \mathbf{P} \mathbf{e} \mathbf{P}^{\circ} \mathbf{C}_{\text{„}} \mathbf{P} \mathbf{s} \mathbf{C} \mathbf{F} \mathbf{P} \mathbf{j} \mathbf{P}^{\circ}. \mathbf{P} \check{\mathbf{y}} \mathbf{P}^{\circ} \mathbf{P} \pm \mathbf{P} \gg \mathbf{P}_{\mu} \mathbf{C}, \mathbf{P} \mathbf{e} \mathbf{P} \check{\mathbf{e}}.$$
$$PhC\dot{I}PSPsPIPSC-C_{\text{„}}C-P\cdot P\ddot{e}PePs-C...C-PjC-C\ddot{I}PSC-PIP\gg P^{\circ}C\dot{I}C,P\ddot{e}PIPsC\dot{I}C,C-:$$

- C,P°P±P»PμC,PePë PīPs 1 PjPi вТј“ P±C-P»PsPiPs PePsP»CHbPsCТјCr, PeCТјCrPiP»C-, PrPIPsPsPīCrPeP»C-, P· PePsPrPsPj B«CN 1B» P· PsPrPSPsPiPs P±PsPeCr C,P° B«VLEB» P· C-PSC€PsPiPs P±PsPeCr;

- C, P°P±P»PμC, PePë PîPs 2 PjPi BĤ“ P±C-P»PsPiPs PePsP»ChPsCĤCr, PîCĤPsPrPsPIPiP°CĤC, C-, PrPIPsPsPîCrPeP»C-, P· P»C-PSC-C”CĤ CĤPsP·P»PsPjCr C, P° PePsPrPsPj B«CN 2B» P· PsPrPSPSPiPs P±PsPeCr C, P° B«VLEB» P· C-PSC€PsPiPs P±PsPeCr;

- C,P°P±P»PμC,PePë PīPs 4 PjPi BĤ“ P±C-P»PSPiPs PePsP»CHbPsCĤCr,
CĤPsPjP±PSPiPsPrC-P±PSC-, PrPIPsPSPiCrPeP»C-, P· P»C-PSC-C”CĤ CĤPsP·P»PSPjCr C,P°
PePsPrPsPj B«CN 4B» P· PsPrPSPSPiPs P±PsPeCr C,P° B«VLEB» P· C-PSC€PSPiPs P±PsPeCr.

P_xP°C₇PjP°PePsC,PμC₇P°PiPμPIC,PëC≡PSP° PiC₇CrPiP°.

PhPSC, PëPiC-PiPμC7C, PμPSP·PëPIPSC- P·P°CÍPsP±Pë. PhPSC, PëP°PrC7PμPSPμC7PiC-C±PSC-
P·P°CÍPsP±Pë P· PiPμC7PëC,, PμC7PëC±PSPëPj PjPμC...P°PSC-P·PjPsPj PrC-C—.
P'P»PsPeP°C, PsC7Pë α-P°PrC7PμPSPsC7PμC†PμPiC, PsC7C-PI. PьPsPr PhPÿX Pÿ02Pÿ Ph04.

PαP°C7PjP°PePsP»PsPiC-C±PSC- PIP»P°CÍC, PëPIPsCÍC, C-.

PαP°C7PjP°PePsPrPëPSP°PjC-PeP°.

PьPμC...P°PSC-P·Pj PrC-C—.

P"PsPeCÍP°P·PsP·PëPS C" PiPsC, CrP¶PSPëPj C, P° CÍPμP»PμPeC, PëPIPSPëPj
P°PSC, P°PiPsPSC-CÍC, PsPj PiPsCÍC, CÍPëPSP°PiC, PëC±PSPëC... α₁-
P°PrC7PμPSPsC7PμC†PμPiC, PsC7C-PI. P'P»PsPeCÍP°PSPSCÍ C†PëC... C7PμC†PμPiC, PsC7C-PI
PiC7PëP·PIPsPrPëC, Ch PrPs P·PSPëP¶PμPSPSCÍ CÍPëCÍC, PμPjPSPsPiPs
P°C7C, PμC7C-P°P»ChPSPsPiPs C, PëCÍPëCÍ. PμC7PμPiP°C7P°C, PьP°C7PrCÍC7P°B®
PiC7PëP·PSP°C†PμPSPëPμ PrP»CÍ PiPμC7PsC7P°P»ChPSPsPiPs P·P°CÍC, PsCÍCÍP°PSPSCÍ
1 C7P°P·PSP° PrPsP±CÍ PiP°C†C-C"PSC, P°Pj, C...PIPsC7PëPj PSP°
PμCÍCÍPμPSC†C-P°P»ChPSCÍ P°C7C, PμC7C-P°P»ChPSCÍ PiC-PiPμC7C, PμPSP·C-C7.

PαP°C7PjP°PePsPrPëPSP°PjC-C±PSC- PμC,, PμPeC, Pë.

P'CrP»Ps PiC7PsPrPμPjPsPSCÍC, C7PsPIP°PSPs, C%Ps PiC7PμPiP°C7P°C, PьP°C7PrCÍC7P°B®
PSPμ CÍPiC7PëC±PëPSCÍC" PSPμP±P°P¶P°PSPëC... PjPμC, P°P±PsP»C-C±PSPëC...
PμC,, PμPeC, C-PI C- PμPsPiPs PjPsP¶PSP° P·P°CÍC, PsCÍPsPICÍP°C, Pë PiP°C†C-C"PSC, P°Pj C-P·
C†CrPeC7PsPIPëPj PrC-P°P±PμC, PsPj, PiPsPrP°PiC7PsC7 P°P±Ps
C-PSCÍCÍP»C-PSPsC7PμP·PëCÍC, PμPSC, PSC-CÍC, C7.

PμC7PμPiP°C7P°C, PьP°C7PrCÍC7P°B® C, P°PePsP¶ PjPsP¶PSP° PiC7PëP·PSP°C†P°C, Pë
PiP°C†C-C"PSC, P°Pj C-P· P±C7PsPSC...C-P°P»ChPSPsC7 P°CÍC, PjPsC7,
PiC-PiPμC7C, C7PsC,, C-C"C7 P»C-PIPsPiPs CëP»CÍPSPsC†PeP° C, P° PiP°C†C-C"PSC, P°Pj
P»C-C, PSC7PsPiPs PIC-PeCÍ. P—P°CÍC, PsCÍCÍP°PSPSCÍ PiC7PμPiP°C7P°C, CÍ
CÍPiC7PëCÍC" P·PjPμPSCëPμPSPSC7 PiC-PiPμC7C, C7PsC,, C-C— P»C-PIPsPiPs
CëP»CÍPSPsC†PeP°, PiC7PëPiPSC-C†CÍC" P°PiC7PμPiP°C†C-C7 C, C7PsPjP±PsC†PëC, C-PI C, P°
PiC-PrCÍPëP»C7C" P°PeC, PëPIPSC-CÍC, Ch C, PeP°PSPëPSPSPsPiPs P°PeC, PëPIP°C, PsC7P°
PiP»P°P·PjC-PSPsPiPμPSCÍ. PьC7C-Pj C, PsPiPs, P·P°CÍC, PsCÍCÍP°PSPSCÍ
PiC7PμPiP°C7P°C, CÍ PьP°C7PrCÍC7P°B® PiC-PrPIPëC%CrC" C†CÍC, P»PëPIC-CÍC, Ch PrPs
C-PSCÍCÍP»C-PSCÍ CÍ C, PëC... PiP°C†C-C"PSC, C-PI, CÍ CÍPePëC... C, P°PeP°
C†CÍC, P»PëPIC-CÍC, Ch C" PiPsC7CÍCëPμPSPsC7.

PÿP°PePsP¶ CÍ PrPsPIPiPsCÍC, C7PsPePsPIPëC... PrPsCÍP»C-PrP¶PμPSPSCÍC... P±CÍP»Ps
PiC7PsPrPμPjPsPSCÍC, C7PsPIP°PSPs, C%Ps PSP° PrPsPrP°C, PsPe PrPs
P°PSC, PëPiC-PiPμC7C, PμPSP·PëPIPSPsC— PrC-C— P·P°CÍC, PsCÍCÍP°PSPSCÍ
PiC7PμPiP°C7P°C, CÍ PьP°C7PrCÍC7P°B® CÍPiC7PëC±PëPSCÍC" PiPsPjC-C7PSPμ
P·PSPëP¶PμPSPSCÍ PePsPSC†PμPSC, C7P°C†C-C— P·P°PiP°P»ChPSPsPiPs
C...PsP»PμCÍC, PμC7PëPSCÍ, P»C-PiPsPiC7PsC, PμC—PrC-PI PSPëP·ChPePsC—
C%C-P»ChPSPsCÍC, C- C, P° C, C7PëPiP»C-C†PμC7PëPrC-PI CÍ PiP»P°P·PjC- PeC7PsPIC-, P°
PsC, P¶Pμ B7" PrP°PSPëPμ PiC7PμPiP°C7P°C, PjPsP¶Pμ P±CÍC, Pë PsCÍPsP±P»PëPIPs
PePsC7PëCÍPSPëPμ PiP°C†C-C"PSC, P°Pj, C...PIPsC7PëPj PSP° P°C7C, PμC7C-P°P»ChPSCÍ
PiC-PiPμC7C, PμPSP·C-C7 C, P° PiC-PiPμC7P»C-PiC-PrPμPjC-C7.

P—P°CfC,PsCfCfPIP°PSPSClI PíCfPµPíP°CfP°C,Cf PµP°CfPrcfCfP°^{B®} PíP°CfC-C"PSC,P°Pj, C...PIPsCfPëPj PSP° CfPëPjPíC,PsPjPSCr PrPsP±CfPScIIPeC-CfPSCr PiC-PíPµCfPíP»P°P·C-Cf PíPµCfPµPrPjC-C...CfCfPSPiPsC— P·P°P»PsP·Pë (P"P"PµP—), PíCfPëP·PIPsPrPëC,Ch PrPs P·PSP°C±PSPsPiPs PíPsPeCfP°C%PµPSPSClI CfCfPSPPrPëPSP°PjC-PePë C,P° P·PjPµPSCePµPSPSClI CfPëPjPíC,PsPjC-PI. P'PIP°P¶P°C,CfCfCfCf, C%Ps PµC,,PµPeC, PíCfPµPíP°CfP°C,Cf PíCfPë P"P"PµP— PrPsCfCfPíP°C"C,CfCfCfCf P·P° CfP°C...CfPSPsPe CfPµP»PµPeC,PëPIPSsC— P±P»PsPeP°PrPë α₁-P°PrCfPµPSPsCfPµCfPµPíC,PsCfC-PI, CfPSP·C,P°C€PsPIP°PSPëC... Cf PjBfTM CIIP·PsPIC-PN₂ CfC,CfPSPjC- C,P° PeP°PíCfCfP»C- PíPµCfPµPrPjC-C...CfCfPSPiPsC— P·P°P»PsP·Pë, P° C,P°PePsP¶ Cf C€PëPN₂CfC- CfPµCfPSPiPsPiPs PjC-C...CfCfP°.

PαP°CfPjP°PePsPeC-PSPµC,PëPeP°.

P'CfPjPsPeC,CfPIP°PSPSClI. PµCfPë PíPµCfPScfP°P»ChPSPsPjCf P·P°CfC,PsCfCfPIP°PSPSC- Cf P»CfPrPëPSPë (C±PsP»PsPIC-PePë PjPsP»PsPrPsPiPs PIC-PeCf P°P±Ps P»CfPrPë P»C-C,PSChPsPiPs PIC-PeCf P±CfPrCh-CfIIPePsC— CfC,P°C,C-) PrPsPeCfP°P·PsP·PëPS C€PIPëPrPePs PICfPjPsPeC,CfC"C,CfCfCfCf P· P±C-PsPrPsCfC,CfPíPSC-CfC,Cf PSP° CfC-PIPS- PíCfPëP±P»PëP·PSPs 2/3 PrPsP·Pë.

P'C-PsC,CfP°PSCfC,,PsCfPjP°CfC-CII/PµP»C-PjC-PSP°CfC-CII. PµCfPëP±P»PëP·PSPs 98 % PrPsPeCfP°P·PsP·PëPSCf P·PIBfTM CIIP·CfC"C,CfCfCfCf P· P±C-P»PeP°PjPë PíP»P°P·PjPë PeCfPSPIC-. P'CfP»Ps PíPsPeP°P·P°PSPs, C%Ps PrPsPeCfP°P·PsP·PëPS PµPeCfC,PµPSCfPëPIPSs PjPµC,P°P±PsP»C-P·CfC"C,CfCfCfCf PI PsCfPíP°PSC-P·PjC- P»CfPrPëPSPë C,P° Cf PrPsCfP»C-PrP¶CfPIP°PSPëC... PµPeCfPíPµCfPëPjPµPSC,P°P»ChPSPëC... C,PIP°CfPëPS, C- PIPëPIPsPrPëC,CfCfCfCf P· PsCfPíP°PSC-P·PjCf PíPµCfPµPIP°P¶PSPs P· PeP°P»PsPj.

PŸPµCfPµPrPSC-PN₂ PíPµCfC-PsPr PSP°PíC-PIPIPëPIPµPrPµPSPSClI PíCfPµPíP°CfP°C,Cf P· PíP»P°P·PjPë CfC,P°PSPsPIPëC,Ch 22 PíPsPrPëPSPë, C%Ps PrP°C" PjPsP¶P»PëPIC-CfC,Ch PíCfPëPN₂PjP°C,Pë PíCfPµPíP°CfP°C, 1 CfP°P· PSP° PrPsP±Cf.

PµCfPë PíPµCfPScfP°P»ChPSPsPjCf P·P°CfC,PsCfCfPIP°PSPSC- PrPsPeCfP°P·PsP·PëPSCf PePsPSCfPµPSC,CfP°CfC-CfI PjPµC,P°P±PsP»C-C,C-PI Cf PíP»P°P·PjC- PeCfPSPIC- C" PSPëP·ChPePsCf. PµPsPSCfPµPSC,CfP°CfC-CfI Cf PíP»P°P·PjC- PeCfPSPIC- PSP°PN₂P°PeC,PëPIPS- C€PsPiPs (6'-PiC-PrCfPSPeCfPë) PjPµC,P°P±PsP»C-C,Cf Cf P»CfPrPëPSPë PI 40 CfP°P·C-PI PSPëP¶CfP° P·P° PíP»P°P·PjPsPICf PePsPSCfPµPSC,CfP°CfC-Cf PíPµCfPIPëPSPSPsC— CfPíPsP»CfPePë, C%Ps CfPIC-PrCfPëC,Ch PíCfPs C,Pµ, C%Ps P°PSC,PëPiC-PíPµCfC,PµPSP·PëPIPS° PrC-CfI PíCfPµPíP°CfP°C,Cf P·CfPjPsPIP»PµPSP° PíPµCfPµPIP°P¶PSPs PrPsPeCfP°P·PsP·PëPSPsPj.

PkP° PrP°PSPëPN₂ C±P°Cf C-CfPSCfCfC,Ch P»PëC€Pµ PsP±PjPµP¶PµPSC- PrP°PSC- C%PsPrPs P·P°CfC,PsCfCfPIP°PSPSClI PíCfPµPíP°CfP°C,Cf PíP°CfC-C"PSC,P°Pj C-P· PíPsCfCfC€PµPSPSClIIPjPë C,,CfPSPeCfC-C— PíPµCfC-PSPePë C,P° C%PsPrPs PíPíP»PëPICf PíCfPµPíP°CfP°C,C-PI, P·PrP°C,PSPëC... P·PjC-PSChPIP°C,Pë PíPµCfC-PSPePsPIPëPN₂ PjPµC,P°P±PsP»C-P·Pj (PSP°PíCfPëPeP»P°Pr, CfPëPjPµC,PëPrPëPSCf). Pj PeP»C-PSC-CfPSPsPjCf PrPsCfP»C-PrP¶PµPSPSC- P· CfCfP°CfC,Cf 12 PíP°CfC-C"PSC,C-PI C-P· PíPsPjC-CfPSPsCf PíPµCfC-PSPePsPIPsCf PrPëCfC,,CfPSPeCfC-C"Cf PsPrPSPsPeCfP°C,PSPµ P·P°CfC,PsCfCfPIP°PSPSClI PrPsPeCfP°P·PsP·PëPSCf PíCfPëP·PIPµP»Ps PrPs PíC-PrPIPëC%PµPSPSClI AUC PSP° 43 % C,P° P·PjPµPSCePµPSPSClI PIPëPrPëPjPsPiPs PeP»C-CfPµPSCfCf PíCfPë PíPµCfPScfP°P»ChPSPsPjCf P·P°CfC,PsCfCfPIP°PSPSC- PSP° 40 %. PíPe C- PíCfPë P·P°CfC,PsCfCfPIP°PSPSC- C-PSCePëC... PíCfPµPíP°CfP°C,C-PI, C%Ps PíPsPIPS-CfC,Cf PjPµC,P°P±PsP»C-P·CfCfC,ChCfCfCf PíPµCfC-PSPePsCf,

РiР°C†C-C"PSC,P°Pj P· PsP·PSP°PeP°PjPë PïPsCтCрCєPμPSCн C,,CрPSPeC†C-C—
PïPμC†C-PSPePë PrPsPeCрP°P·PsP·PëPS CрP»C-Pr P·P°CрC,PsCрPsPICрPIP°C,Pë P·
PsCрPsP±P»PëPIPsCн PsP±PμCтPμP¶PSC-CрC,Cн.

P"PsPeCрP°P·PsP·PëPS PμPeCрC,PμPSCрPëPIPSPs PjPμC,P°P±PsP»C-P·CрC"C,CHCрCц PI
PïPμC†C-PSC†C-. P"PsCрP»C-PrP¶PμPSPSCц in vitro PIPEP°P·CрCнC,CH PSP° C,Pμ, C%oPs
PiPsP»PsPIPSPëPj C†PëPSPsPj C†Pμ P·PrC-PNєCрPSCнC"C,CHCрCц P·P° PrPsPïPsPjPsPiPsCн
C,,PμCтPjPμPSC,Cр CYP 3A4, C,P° PjPμPSCєPsCн PjC-CтPsCн втж" CYP 2D6 C- CYP 2C9.

РлP»C-PSC-C†PSC- C...P°CтP°PeC,PμCтPëCрC,PëPePë.

PμPsPeP°P·P°PSPSCц.

PтCтC,PμCтC-P°P»CHPSP° PiC-PïPμCтC,PμPSP·C-Cц.

PμCтPμPïP°CтP°C, PïPsPeP°P·P°PSPëPNє PrP»Cц P»C-PeCрPIP°PSPSCц
P°CтC,PμCтC-P°P»CHPSPsC— PiC-PïPμCтC,PμPSP·C-C— C- PrP»Cц P±C-P»CHCєPsCрC,C-
PïP°C†C-C"PSC,C-PI PNєPsPiPs PjPsP¶PSP° P·P°CрC,PsCрPsPICрPIP°C,Pë PrP»Cц
PePsPSC,CтPsP»Cн P°CтC,PμCтC-P°P»CHPSPsPiPs C,PëCрPeCр Cр CцPePsCрC,C-
PjPsPSPsC,PμCтP°PiC-C—. PJ PIPëPïP°PrPeCр PSPμPμC,,PμPeC,PëPIPSPsCрC,C-
PjPsPSPsC,PμCтP°PiC-C— PrP»Cц P»C-PeCрPIP°PSPSCц P°CтC,PμCтC-P°P»CHPSPsC—
PiC-PïPμCтC,PμPSP·C-C— PïCтPμPïP°CтP°C, PjPsP¶PSP° P·P°CрC,PsCрPsPICрPIP°C,Pë Cр
PePsPjP±C-PSP°C†C-C— P· C,C-P°P·PëPrPSPëPjPë PrC-CрCтPμC,PëPeP°PjPë,
P±P»PsPeP°C,PsCтP°PjPë β-P°PrCтPμPSPsCтPμC†PμPiC,PsCтC-PI, P±P»PsPeP°C,PsCтP°PjPë
PeP°P»CHC†C-C"PIPëC... PeP°PSP°P»C-PI C,P° C-PSPiC-P±C-C,PsCтP°PjPë
P°PSPiC-PsC,PμPSP·PëPSPïPμCтPμC,PIPsCтCнPIP°P»CHPSPsPiPs C,,PμCтPjPμPSC,Cр.

P"PsP±CтPsCцPeC-CрPSP° PiC-PïPμCтPïP»P°P·C-Cц PïPμCтPμPrPjC-C...CзCтPsPIPsC—
P·P°P»PsP·Pë.

PμCтPμPïP°CтP°C, PïPsPeP°P·P°PSPëPNє PrP»Cц P»C-PeCрPIP°PSPSCц
PsP±CрC,CтCрPeC†C-C— CрPμC†PsPIPëPIC-PrPSPëC... CєP»CцC...C-PI, P° C,P°PePsP¶
CрPëPjPiC,PsPjC-PI, PïPsPIвтж™ CцP·P°PSPëC... C-P· PrPsP±CтPsCцPeC-CрPSPsCн
PiC-PïPμCтPïP»P°P·C-C"Cн PïPμCтPμPrPjC-C...CрCтPsPIPsC— P·P°P»PsP·Pë (P"P"PμP—).
PμCтPμPïP°CтP°C, PjPsP¶PSP° PïCтPëP·PSP°C†P°C,Pë PïP°C†C-C"PSC,P°Pj C-P· P"P"PμP— CцPe
PïCтPë PSP°CцPIPSPsCрC,C- P°CтC,PμCтC-P°P»CHPSPsC— PiC-PïPμCтC,PμPSP·C-C—, C,P°Pe
C- PïCтPë PSPsCтPjP°P»CHPSPsPjCр CтC-PIPS- P°CтC,PμCтC-P°P»CHPSPsPiPs C,PëCрPeCр.

PμCтPsC,PëPïPsPeP°P·P°PSPSCц.

P—P°CрC,PsCрCрPIP°PSPSCц PïCтPμPïP°CтP°C,Cр РлP°CтPrCрCтP°B®
PïCтPsC,PëPïPsPeP°P·P°PSPμ PSP°CрC,CрPïPSPëPj PeP°C,PμPiPsCтC-CцPj PïP°C†C-C"PSC,C-PI:

втж" PïP°C†C-C"PSC,P°Pj P· PiC-PïPμCтC†CрC,P»PëPIC-CрC,Cн PrPs PrC-CнC†PsC—
CтPμC†PsPIPëPSPë C†Pë PrPs PïPsC...C-PrPSPëC... C...C-PSP°P·PsP»C-PSCр
(PSP°PïCтPëPeP»P°Pr, PïCтP°P·PsP·PëPSCр, C,PμCтP°P·PsP·PëPSCр, PrPsPeCрP°P·PsP·PëPSCр)
P°P±Ps PrPs P±CрPrCH-CцPePsC— P· PrPsPïPsPjC-P¶PSPëC... CтPμC†PsPIPëPS
PïCтPμPïP°CтP°C,Cр, P·P°P·PSP°C†PμPSPëC... Cр CтPsP·PrC-P»C- B«PŸPeP»P°PrB»;

P"PsCfP»C-PrP[PuPSPSCII *in vitro* PIPEP°P·CfCfC,CH PSP° C,Pu, C%oPs PrPsPeCfP°P·PsP·PëPS

C" CÍCfP±CÍC,CĤP°C,PsPj C†PëC,PsC...CĤPsPjCf P450 3A4 (CYP 3A4). PŸP»C-Pr P·
PsP±PμCĤPμP¶PSC-CÍC,CĤ PiCĤPëP·PSP°C†P°C,Pë PrPsPeCÍP°P·PsP·PëPS PsPrPSPsC†P°CÍPSPs
P· PiPsC,CfP¶PSPëPjPë C-PSPiC-P±C-C,PsCĤP°PjPë CYP 3A4, PSP°PiCĤPëPeP»P°Pr
PeP»P°CĤPëC,CĤPsPjC-C†PëPSPsPj, C-PSPrPëPSP°PIC-CĤPsPj, C-C,CĤP°PePsPSP°P·PsP»PsPj,
PePμC,PsPePsPSP°P·PsP»PsPj, PSPμC,,P°P·PsPrPsPSPsPj, PSPμP»C,,C-PSPrPIC-CĤPsPj,
CĤPëC,PsPSP°PIC-CĤPsPj, CÍP°PePIC-PSPrPIC-CĤPsPj, C,PμP»C-C,CĤPsPjC-C†PëPSPsPj P°P±Ps
PIPsCĤPëPePsPSP°P·PsP»PsPj (PrPëPI. CĤPsP·PrC-P» B«PαP°CĤPjP°PePsP»PsPiC-C†PSC-
PIP»P°CÍC,PëPIPsCÍC,C-B»).

P"PsPeCÍP°P·PsP·PëPS PiPsC,PμPSC†C-CĤC" PiC-PiPsC,PμPSP·PëPIPsCf PrC-CĤ C-PSCëPëC... α-
P°PrCĤPμPSPsP±P»PsPeP°C,PsCĤC-PI, P° C,P°PePsP¶ C-PSCëPëC...
P°PSC,PëPiC-PiPμCĤC,PμPSP·PëPIPsPëC... P·P°CÍP±C-PI.

P—P° CĤPμP·CfP»CĤC,P°C,P°PjPë PIC-PrPeCĤPëC,PsPiPs CĤP°PSPrPsPjC-P·PsPIP°PSPsPiPs
PiP»P°C†PμP±Ps·PePsPSC,CĤPsP»CĤPsPIP°PSPsPiPs PeP»C-PSC-C†PSPsPiPs
PrPsCÍP»C-PrP¶PμPSPSC¶ P· CfC†P°CÍC,CĤ 22 P·PrPsCĤPsPIPëC...
PrPsP±CĤPsPIPsP»CĤC†C-PI C†PsP»PsPIC-C†PsC— CÍC,P°C,C-, PsPrPSPsPeCĤP°C,PSPμ
P·P°CÍC,PsCÍCfPIP°PSPSC¶ PrPsPeCÍP°P·PsP·PëPSCf Cf PrPsP·C- 1 PjPi Cf PiPμCĤCëPëPNë
PrPμPSCĤ C†PsC,PëCĤPëPrPsP±PsPIPsPiPs PeCfCĤCÍCf PiPμCĤPsCĤP°P»CĤPSPsPiPs
P·P°CÍC,PsCÍCfPIP°PSPSC¶ C†PëPjPμC,PëPrPëPSCf (400 PjPi PrPIC-C†C- PSP° PrPsP±Cf)
PiCĤPëP·PIPsPrPëP»Ps PrPs PiC-PrPIPëC%PμPSPSC¶ CÍPμCĤPμPrPSCĤPsPiPs CĤC-PIPsC¶
AUC PrPsPeCÍP°P·PsP·PëPSCf PSP° 10 % C- PSPμ CÍPiCĤPëC†PëPSC¶P»Ps P¶PsPrPSPëC...
CÍC,P°C,PëCÍC,PëC†PSPs P·PSP°C†CfC%PëC... P·PjC-PS CÍPμCĤPμPrPSCĤPsC— C_{max} C,P°
CÍPμCĤPμPrPSCĤPsPiPs PiPμCĤC-PsPrCf PSP°PiC-PIPIPëPIPμPrPμPSPSC¶
PrPsPeCÍP°P·PsP·PëPSCf. PŸP°PePμ PiC-PrPIPëC%PμPSPSC¶ CÍPμCĤPμPrPSCĤPsPiPs
CĤC-PIPsC¶ AUC PrPsPeCÍP°P·PsP·PëPSCf PSP° 10 % PSP° C,P»C- P·P°CÍC,PsCÍCfPIP°PSPSC¶
C†PëPjPμC,PëPrPëPSCf P·PSP°C...PsPrPëC,CĤCÍC¶ Cf PjPμP¶P°C...
PjC-P¶C-PSPrPëPIC-PrCfP°P»CĤPSPsC— PIP°CĤC-P°P±PμP»CĤPSPsCÍC,C- (27 %)
CÍPμCĤPμPrPSC-C... CĤC-PIPsC-PI AUC PrPsPeCÍP°P·PsP·PëPSCf PiPsCĤC-PIPsC¶PSPs P·
PiP»P°C†PμP±Ps.

PhCÍPsP±P»PëPIPsCÍC,C- P·P°CÍC,PsCÍC¿PIP°PSPSC¶.

PhCĤC,PsCÍC,P°C,PëC†PSP° PiC-PiPsC,PμPSP·C-C¶/CÍPëPSPePsPiPμ.

PμPsC†P°C,PsPe C,PμCĤP°PiC-C—. PiPe PSP°CÍP»C-PrPsPe PiCĤPsC¶PICf PrC-C—
P±P»PsPeP°C,PsCĤC-PI α-P°PrCĤPμPSPsCĤPμC†PμPiC,PsCĤC-PI, PjPsP¶Pμ
CĤPsP·PIPëPSCfC,PëCÍC¶ PsCĤC,PsCÍC,P°C,PëC†PSP° PiC-PiPsC,PμPSP·C-C¶,
PiCĤPsC¶PIP»C¶CĤC†PëCÍCĤ P·P°PiP°PjPsCĤPsC†PμPSPSC¶Pj C,P° CÍP»P°P±PeC-CÍC,CĤ
P°P±Ps CĤC-PrCëPμ BĤ" PIC,CĤP°C,PsCĤ CÍPIC-PrPsPjPsCÍC,C- (CÍPëPSPePsPiPμ),
PsCÍPsP±P»PëPIPs PSP° PiPsC†P°C,PeCf C,PμCĤP°PiC-C— (PrPëPI. CĤPsP·PrC-P»
B«PŸPiPsCÍC-P± P·P°CÍC,PsCÍCfPIP°PSPSC¶ C,P° PrPsP·PëB»). Pj P·PiBĤ™ C¶P·PeCf P· C†PëPj
PSP° PiPsC†P°C,PeCf C,PμCĤP°PiC-C— PSPμPsP±C...C-PrPSPs PePsPSC,CĤPsP»CĤPIP°C,Pë
CĤC-PIPμPSCĤ P°CĤC,PμCĤC-P°P»CĤPSPsPiPs C,PëCÍPeCf, C%PsP±
PjC-PSC-PjC-P·CfPIP°C,Pë PjPsP¶P»PëPIC- PiPsCÍC,CfCĤP°P»CĤPSC- PμC,,PμPeC,Pë.

PμCĤPëP·PSP°C†P°CĤC†Pë C,PμCĤP°PiC-CĤ P±CfPrCĤ-C¶PePëPj PμC,,PμPeC,PëPIPsPëPj
P±P»PsPeP°C,PsCĤPsPj α-P°PrCĤPμPSPsCĤPμC†PμPiC,PsCĤC-PI, CÍP»C-Pr
PiCĤPsC-PSC,,PsCĤPjCfPIP°C,Pë PiP°C†C-C"PS,C,P°, C¶Pe CfPSPëPePSCfC,Pë
CÍPëPjPiC,PsPjC-PI PsCĤC,PsCÍC,P°C,PëC†PSPsC— PiC-PiPsC,PμPSP·C-C— C,P° C¶Pe

PIPsPIPsPrPëC, PëCíCñ PíCñPë C—C... PIPëPSPëPePSPµPSPSC-. PµP°C†C-C"PSC, P° C, P°PePsP¶
PíPsC, CñC-P±PSPs PíPsPíPµCñPµPrPëC, Pë PíCñPs PSPµPsP±C... C-PrPSC-CíC, Cñ
CíPSPëPePSPµPSPSC¶ CíPëC, CíP°C†C-Pñ, Cí C¶PePëC... C-CíPSCíC" CñPëP·PëPe
PsC, CñPëPjP°PSPSC¶ C, CñP°PIPj, PíCñP°C... PsPíCíCñC†Pë PjPsP¶P»PëPíC-CíC, Cñ
PIPëPSPëPePSPµPSPSC¶ P·P°PíP°PjPsCñPsC†PµPSPSC¶ P°P±Ps CíP»P°P±PePsCíC, C- PSP°
PíPsC†P°C, PeCí C, PµCñP°PíC-C— PíCñPµPíP°CñP°C, PsPj PñP°CñPrCíCñP°B®.

P—P°CíC, PsCíC¿PIP°PSPSC¶ PíCñPë PíPsCíC, CñPëC... CíPµCñC†PµPIPëC... CíC, P°PSP°C....

PíPe C- C-PSC€C- PIP°P·PsPrPëP»P°C, CíCñC†C- P°PSC, PëPíC-PíPµCñC, PµPSP·PëPIPSC-
P·P°CíPsP±Pë, PrPsPeCíP°P·PsP·PëPS CíP»C-Pr P· PsP±PµCñPµP¶PSC-CíC, Cñ
P·P°CíC, PsCíPsPíCíPíP°C, Pë PíP°C†C-C"PSC, P°Pj C-P· PSP°CíC, CíPíPSPëPjPë PíPsCíC, CñPëPjPë
CíPµCñC†PµPIPëPjPë CíC, P°PSP°PjPë:

БҒ“ P»PµPíPµPSPµPIPëPñ PSP°P±CñC¶Pe, CíPíCñPëC†PëPSPµPSPëPñ P°PsCñC, P°P»CñPSPëPj
P°P±Ps PjC-C, CñP°P»CñPSPëPj CíC, PµPSPsP·PsPj;

БҒ“ PíC-PíPµCñCíPëCíC, PsP»C-C†PSP° CíPµCñC†PµPIP° PSPµPrPsCíC, P°C, PSC-CíC, Cñ;

БҒ“ PíCñP°PIPsC€P»CíPSPsC†PePsPIP° CíPµCñC†PµPIP° PSPµPrPsCíC, P°C, PSC-CíC, Cñ,
P·CíPjPsPIP»PµPSP° C, CñPsPjP±PsPµPjP±PsP»C-C" Cñ P»PµPíPµPSPµPIPsC— P°CñC, PµCñC-C—
P°P±Ps PíPµCñPëPeP°CñPrC-P°P»CñPSPëPj PIPëPíPsC, PsPj;

БҒ“ P»C-PIPsC€P»CíPSPsC†PePsPIP° CíPµCñC†PµPIP° PSPµPrPsCíC, P°C, PSC-CíC, Cñ P·
PSPëP·CñPePëPj C, PëCíPePsPj PSP°PíPsPIPSPµPSPSC¶.

P—P°CíC, PsCíC¿PIP°PSPSC¶ PíCñPë PíPsCñC¿C€PµPSPSC- C, C¿PSPeC†C-Pñ PíPµC†C-PSPePë.

PíPe C- PíCñPë P·P°CíC, PsCíCíPíP°PSPSC- C-PSC€PëC... PíCñPµPíP°CñP°C, C-PI, C%oPs
PíPsPIPSC-CíC, Cñ PjPµC, P°P±PsP»C-P·CíCñC, CñCíC¶ PíPµC†C-PSPePsCñ,
PíP°C†C-C"PSC, P°Pj P· PsP·PSP°PeP°PjPë PíPsCñCíC€PµPSPSC¶ C, CíPSPeC†C-Pñ
PíPµC†C-PSPePë PíCñPµPíP°CñP°C, PñP°CñPrCíCñP°B® CíP»C-Pr PíCñPëP·PSP°C†P°C, Pë P·
PsCíPsP±P»PëPíPsCñ PsP±PµCñPµP¶PSC-CíC, Cñ (PrPëPI. CñPsP·PrC-P» B«PíPíPsCíC-P±
P·P°CíC, PsCíCíPíP°PSPSC¶ C, P° PrPsP·PëB»). PşPµCñPµP· PíC-PrCíCíC, PSC-CíC, Cñ
PeP»C-PSC-C†PSPsPíPs PrPsCíPíC-PrCí P·P°CíC, PsCíCíPíP°PSPSC¶ PíCñPµPíP°CñP°C, Cí
PíP°C†C-C"PSC, P°Pj C-P· PíPµC†C-PSPePsPíPsCñ PSPµPrPsCíC, P°C, PSC-CíC, Cñ
C, C¶P¶PePsPíPs CíC, CíPíPµPSC¶ PíCñPëP·PSP°C†PµPSPSC¶ PíCñPµPíP°CñP°C, Cí C†C-Pñ
PeP°C, PµPíPsCñC-C— PíP°C†C-C"PSC, C-PI PSPµ CñPµPePsPjPµPSPíCíC" C, CñCíC¶.

P—P°CíC, PsCíC¿PIP°PSPSC¶ CñP°P·PsPj P· C-PSPíC-P±C-C, PsCñP°PjPë PαP"P·-5.

P—P°CíC, PsCíPsPíCíPíP°C, Pë PrPsPeCíP°P·PsP·PëPS CñP°P·PsPj P· C-PSPíC-P±C-C, PsCñP°PjPë
C, PsCíC, PsPrC-PµCíC, PµCñP°P·Pë-5 (PSP°PíCñPëPeP»P°Pr, CíPëP»PrPµPSP°C, C-P»,
C, P°PrP°P»P°C, C-P» C, P° PIP°CñPrPµPSP°C, C-P») CíP»C-Pr P· PsP±PµCñPµP¶PSC-CíC, Cñ,
PsCíPeC-P»CñPePë PsP±PëPrPíP° P»C-PeP°CñCíCñPeC- P·P°CíPsP±Pë
CíPíCñPëC†PëPSC¶CñC, Cñ PIP°P·PsPrPëP»P°C, P°C†C-Cñ, P° PsC, P¶Pµ БҒ“ PjPsP¶CíC, Cñ
CíPíCñPëC†PëPSPëC, Pë Cí PrPµC¶PePëC... PíP°C†C-C"PSC, C-PI CíPëPjPíC, PsPjP°C, PëC†PSCí
PíC-PíPsC, PµPSP·C-Cñ. P"P»C¶ P·PjPµPSC€PµPSPSC¶ CñPëP·PëPeCí CñPsP·PIPëC, PeCí
PsCñC, PsCíC, P°C, PëC†PSPsC— PíC-PíPsC, PµPSP·C-C— CñPµPePsPjPµPSPíCíC" C, CñCíC¶
CñPsP·PíPsC†PëPSP°C, Pë C, PµCñP°PíC-Cñ PíCñPµPíP°CñP°C, P°PjPë PíCñCíPíPë
C-PSPíC-P±C-C, PsCñC-PI C, PsCíC, PsPrC-PµCíC, PµCñP°P·Pë-5 C, C-P»CñPePë P·P° CíPjPsPIPë,
C¶PeC%oPs PSP° C, P»C- P·P°CíC, PsCíCíPíP°PSPSC¶ α-P±P»PsPeP°C, PsCñC-PI PíP°C†C-C"PSC,

PjP°C" CГC, P°P±C-P»CHPSCr PiPµPjPsPrPëPSP°PjC-PeCr. PъCHC-Pj C, PsPiPs, CHPµPePsPjPµPSPPrCrC"C, CHCГCЦ CHPsP·PiPsC±PëPSP°C, Pë C, PµCHP°PiC-CH C-PSPiC-P±C-C, PsCHP°PjPë C,, PsCГC,, PsPrC-PµCГC, PµCHP°P·Pë-5 P· PSP°PNëPjPµPSCëPsC— PjPsP¶P»PëPIPsC— PrPsP·Pë C, P° PIPëC, CHPëPjCrPIP°C, Pë 6-PiPsPrPëPSPSPëPNë C-PSC, PµCHPIP°P» PjC-P¶ P·P°CГC, PsCГCрPIP°PSPSCЦPj PrPsPeCГP°P·PsP·PëPSCr C, P° C-PSPiC-P±C-C, PsCHC-PI C,, PsCГC,, PsPrC-PµCГC, PµCHP°P·Pë-5. P"PsCГP»C-PrP¶PµPSCH PrPsPeCГP°P·PsP·PëPSCr Cr P»C-PeP°CГCГCHPePëC... C,, PsCHPjP°C... C-P· C, CHPëPIP°P»PëPj PIPëPIC-P»CHPSPµPSPSCЦPj PrC-CHC±PsC— CHPµC±PsPIPëPSPë PSPµ PiCHPsPiPsPrPëP»Pë.

P—P°CГC, PsCГCзPIP°PSPSCЦ PiP°CГC-C"PSC, P°Pj PiC-Pr C±P°CГ C...C-CHCзCHPiC-C±PSPsPiPs PIPëPrP°P»PµPSPSCЦ PeP°C, P°CГP°PeC, Pë.

Pj PrPµCЦPePëC... PiP°CГC-C"PSC, C-PI, CЦPeC- PiCHPëPNëPjP°P»Pë C, P°PjCГCрP»PsP·PëPS PSP° C±P°CГ PiCHPsPiPµPrPµPSPSCЦ C...C-CHCрCHPiC-C±PSPsPiPs PIPëPrP°P»PµPSPSCЦ PeP°C, P°CГP°PeC, Pë P°P±Ps PrPs PsPiPµCHP°CГC-C—, PiC-Pr C±P°CГ PIC, CHCрC±P°PSPSCЦ CГPiPsCГC, PµCHC-PiP°PICГCЦ CHPsP·PIPëC, PsPe C-PSC, CHP°PsPiPµCHP°CГC-PNëPSPsPiPs CГPëPSPPrCHPsPjCr PIбґ™ CЦP»PsC— CHP°PNëPrCrP¶PSPSC— PsP±PsP»PsPSPëPë (P†PŸPќP Ph, PIP°CHC-P°PSC, CГPëPSPPrCHPsPjCr PICрP·CHPePsC— P·C-PSPëCГC-). PµPsPIC-PrPsPjP»CЦP»PsCГCЦ PiCHPs PsPeCHPµPjC- PIPëPiP°PrPePë CHPsP·PIPëC, PeCr C, P°PePsPiPs PiPsP±C-C±PSPsPiPs PµC,, PµPeC, Cr C- PiCHPë P·P°CГC, PsCГCрPIP°PSPSC- C-PSCëPëC... α₁-P±P»PsPeP°C, PsCHC-PI, C, PsPjCr PSPµ PjPsP¶PSP° PIPëPeP»CHC±P°C, Pë PjPsP¶P»PëPIC-CГC, CH CHPsP·PIPëC, PeCr CГCHPsPiPs PµC,, PµPeC, Cr PrP»CЦ C-PSCëPëC... PiCHPµPiP°CHP°C, C-PI PrP°PSPsPiPs PeP»P°CГCр P»C-PeP°CГCГCHPePëC... P·P°CГPsP±C-PI. PŞPµCHPµP· C, Pµ, C%Ps P†PŸPќP Ph PjPsP¶Pµ PiCHPëP·PiPsPrPëC, Pë PrPs PiC-PrPIPëC%PµPSPSCЦ C±P°CГC, PsC, Pë PiCHPsCГPµPrCrCHPSPëC... CrCГPeP»P°PrPSPµPSCH PiCHPë PiCHPsPiPµPrPµPSPSCЦ PsPiPµCHP°CГC-C—, PiCHPë PiC-PrPiPsC, PsPICГC- PrPs PSPµC— CГP»C-Pr PiPsPIC-PrPsPjPëC, Pë C...C-CHCрCHPiP°Pj-PsC,, C, P°P»CHPjPsP»PsPiP°Pj, C±Pë P·P°CГC, PsCГCрPICрC" P°P±Ps P·P°CГC, PsCГCрPICрPIP°PI PiP°CГC-C"PSC, P±P»PsPeP°C, PsCHPë α₁-P°PrCHPµPSPsCHPµCГPµPiC, PsCHC-PI.

PµCHC-P°PiC-P·Pj.

Pj PiPµCHC-PsPr PiC-CГP»CЦ PIPëC...PsPrCr PiCHPµPiP°CHP°C, Cr PSP° CHPëPSPsPe PiC-Pr C±P°CГ P·P°CГC, PsCГCрPIP°PSPSCЦ α₁-P±P»PsPeP°C, PsCHC-PI, Cr C, PsPjCr C±PëCГP»C- PrPsPeCГP°P·PsP·PëPSCr PSP°PrC...PsPrPëP»Pë PiPsPIC-PrPsPjP»PµPSPSCЦ PiCHPs PIPëPiP°PrPePë C, CHPëPIP°P»PsC— PµCHPµPeCГC-C— C, P° PiCHC-P°PiC-P·PjCr. Pj PIPëPiP°PrPeCr PµCHPµPeCГC-C—, C%Ps C, CHPëPIP°C" P±C-P»CHCëPµ 4 PiPsPrPëPS, PiP°CГC-C"PSC, Cr CГP»C-Pr PSPµPiP°PNëPSPs P·PIPµCHPSCрC, PëCГCЦ P·P° PjPµPrPëC±PSPsCH PrPsPiPsPjPsPiPsCH. PiPeC%Ps PSPµPiP°PNëPSPs PSPµ CHPsP·PiPsC±P°C, Pë P»C-PeCrPIP°PSPSCЦ PiCHC-P°PiC-P·PjCr, PIPëPSPëPeP°C" CrCëPePsPrP¶PµPSPSCЦ C, PeP°PSPëPSPë CГC, P°C, PµPiPsPiPs C±P»PµPSP°, C%Ps PjPsP¶Pµ PiCHPëP·PIPµCГC, Pë PrPs PSPµP·PiPsCHPsC, PSPsC— PIC, CHP°C, Pë PiPsC, PµPSCГC-C—.

PŸPeCHPëPSC-PSPi PSP° CHP°Pe PiPµCHPµPrPjC-C...CзCHPsPiPsC— P·P°P»PsP·Pë.

PъP°CHCГPëPSPsPjP° PiPµCHPµPrPjC-C...CrCHPsPiPsC— P·P°P»PsP·Pë CГPiCHPëC±PëPSCЦC" P±P°PiP°C, Ps CГPëPjPiC, PsPjC-PI, C%Ps P°CГPsCГC-CHCHC, CHCГCЦ C-P· P"P"PµP—, PrPs C, PsPiPs P¶ CГC- PrPIP° P·P°C...PiPsCHCHPIP°PSPSCЦ PjPsP¶CГC, CH CГPiC-PIC-CГPSCрPIP°C, Pë. PŸPsPjCr CГP»C-Pr PIPëPeP»CHC±PëC, Pë PSP°CЦPIPSC-CГC, CH PeP°CГCГPëPSPsPjPë PiPµCHPµPrPjC-C...CrCHPsPiPsC— P·P°P»PsP·Pë PiPµCHCë PSC-P¶ PiPsC±PëPSP°C, Pë C, PµCHP°PiC-CH PrPsPeCГP°P·PsP·PëPSPsPj P· PiCHPëPiPsPrCr CГPëPjPiC, PsPjC-PI P"P"PµP—.

P†PSC,,PsCḡPjP°C†C-Cl C%oPsPrPs PrPsPİPsPjC-P¶PSPëC... CḡPµC‡PsPIPëPS.

PµP°C†C-C"PSC,P°Pj C-P. CḡC-PrPeC-ClPSPëPjPë ClPİP°PrPePsPIPëPjPë
P·P°C...PIPsCḡCḡPIP°PSPSCİPjPë, C,P°PePëPjPë ClPe PSPµPİPµCḡPµPSPsClPëPjC-ClC,CH
PİP°P»P°PeC,PsP·Pë, PİPsPIPSP° PSPµPrPsClC,P°C,PSC-ClC,CH P»P°PeC,P°P·Pë C,P°
PjP°P»CHP°P±ClPsCḡP±C†C-Cl PİP»CHPePsP·Pë-PİP°P»P°PeC,PsP·Pë, PSPµ ClP»C-Pr
P·P°ClC,PsClPsPICrPIP°C,Pë C†PµPNë PİCḡPµPİP°CḡP°C,.

PİPµPNë P»C-PeP°CḡClCHPePëPNë P·P°ClC-P± PjC-ClC,PëC,CH PjPµPSC€Pµ 1 PjPjPsP»CH
PSP°C,CḡC-CH (23 PjPi) PSP° C,P°P±P»PµC,PeCr, C,PsP±C,Ps PİCḡP°PeC,PëC‡PSPs
PIC-P»CHPSPëPNë PIC-Pr PSP°C,CḡC-CH.

***P—P°ClC,PsClCžPIP°PSPSCİ Cž PİPµCḡC-PsPr PIP°PiC-C,PSPsClC,C- P°P±Ps
PİPsPrCžPIP°PSPSCİ PİCḡCžPrPrCH.***

PµP°C†C-C"PSC,Pë P· P°CḡC,PµCḡC-P°P»CHPSPsCH PİC-PİPµCḡC,PµPSP·C-C"CH.

P'P°PiC-C,PSC-ClC,CH.

PŞPµCḡPµP· PIC-PrClCfC,PSC-ClC,CH PSP° PrP°PSPëPNë C‡P°Cl PSP°P»PµP¶PSPëC... C,P°
PrPsP±CḡPµ PePsPSC,CḡPsP»CHPsPIP°PSPëC... PrPsClP»C-PrP¶PµPSCḡ C%oPsPrPs
PIPëPIC‡PµPSPSCİ P·P°ClC,PsClCfPIP°PSPSCİ PİCḡPµPİP°CḡP°C,Cl PIP°PiC-C,PSPëPj,
P±PµP·PİPµC‡PSC-ClC,CH P·P°ClC,PsClCfPIP°PSPSCİ PİCḡPµPİP°CḡP°C,Cl
PµP°CḡPrCfCḡP°^{B®} Cl PİPµCḡC-PsPr PIP°PiC-C,PSPsClC,C- P·P°P»PëC€P°C"C,CHClCİ
PSPµPICfC,P°PSPsPIP»PµPSPsCH. PŸPsPjCr PİCḡPµPİP°CḡP°C, ClP»C-Pr
P·P°ClC,PsClPsPICrPIP°C,Pë P»PëC€Pµ C,PsPrC-, PePsP»Pë PİPsC,PµPSC†C-PNëPSC-
PİPµCḡPµPIP°PİPë P»C-PeCrPIP°PSPSCİ, P· C,PsC‡PePë P·PsCḡCr P»C-PeP°CḡCİ,
PIPëPİCḡP°PIPrPsPICrCHC,CH PİPsC,PµPSC†C-PNëPSPëPNë CḡPëP·PëPe. PİPsC‡P° Cl
PrPsClP»C-PrP¶PµPSPSCİC... PSP° C,PIP°CḡPëPSP°C... PİCḡPµPİP°CḡP°C, PSPµ
PIPëCİPIP»CİPI C,PµCḡP°C,PsPİPµPSPSPs— PrC-C—, PNëPsPİPs P·P°ClC,PsClCfPIP°PSPSCİ
Cl PrCrP¶Pµ PİPëClPsPePëC... PrPsP·P°C..., C%oPs PİCḡPëP±P»PëP·PSPs Pİ 300 CḡP°P·C-PI
PİPµCḡPµPIPëC%oCrPIP°P»Pë PjP°PeClPëPjP°P»CHPSCr CḡPµPePsPjPµPSPrPsPIP°PSCr
PrPsP·Cr PrP»Cİ P»CHPrPëPSPë, PİCḡPëP·PİPsPrPëP»Ps PrPs P·PSPëP¶PµPSPSCİ
C,CḡPëPIP°P»PsClC,C- P¶PëC,C,Cİ PİP»PsPrP°.

P"PsPrCrPIP°PSPSCİ PİCḡCrPrPrCH.

P"PsClP»C-PrP¶PµPSPSCİ PSP° C%oCrCḡP°C..., ClPeC- PsC,CḡPëPjCrPIP°P»Pë
PsPrPSPsCḡP°P·PsPICr PİPµCḡPsCḡP°P»CHPSCr PrPsP·Cr CḡP°PrC-PsP°PeC,PëPIPSsPİPs
PrPsPeClP°P·PsP·PëPSCr Cl PİPµCḡC-PsPr P»P°PeC,P°C†C-C—, PİPëP·PSP°C‡PëP»Pë, C%oPs
PrPsPeClP°P·PsP·PëPS PSP°PePsPİPëC‡CrC"C,CHClCİ Cl PjPsP»PsC†C- C%oCrCḡC-PI, PİCḡPë
C†CHPsPjCr PjP°PeClPëPjP°P»CHPSP° PePsPSC†PµPSC,CḡP°C†C-Cl Cl PjPsP»PsC†C-
PİCḡPëP±P»PëP·PSPs Cl 20 CḡP°P·C-PI PİPµCḡPµPIPëC%oCrC" PePsPSC†PµPSC,CḡP°C†C-CH Cl
PİP»P°P·PjC- PjP°C,PµCḡC-.

PkP°CİPIPS- PrP°PSC- Cl P»CHPrPµPNë PrCrP¶Pµ PsP±PjPµP¶PµPSC-, PİCḡPsC,Pµ,
PİCḡPsPrPµPjPsPSCfC,CḡPsPIP°PSPs, C%oPs PİPëPrC-P»PµPSPSCİ PrPsPeClP°P·PsP·PëPSCr Cl
PjP°C,PµCḡPëPSCfCHPePµ PjPsP»PsPePs C" PrCrP¶Pµ PSPµP·PSP°C‡PSPëPj (PIC-PrPSPsClPSP°
PrPsP·P° PrP»Cİ PrPëC,PëPSPë ClC,P°PSPsPIPëC,CH PjPµPSC€Pµ 1 %). P PëP·PëPe PrP»Cİ
PSPsPIPsPSP°CḡPsPrP¶PµPSPsPİPs P°P±Ps PSPµPjPsPIP»CİC,Pë PSPµ PjPsP¶PSP°

PIPëPeP»CĤC±PëC,Pë, C,PsPjCř PrPsPeCĤP°P·PsP·PëPS CĤP»C-Pr P·P°CĤC,PsCĤPsPICřPIP°C,Pë
P»PëC€Pµ C,PsPrC-, PePsP»Pë P·P° PrCřPjPePsCĤ P»C-PeP°CĤCĤ PİPsC,PµPSC†C-PNëPSP°
PePsCĤPëCĤC,CH PİPµCĤPµPIP°P¶P°C” PİPsC,PµPSC†C-PNëPSPëPNë CĤPëP·PëPe.

PµP°C†C-C”PSC,Pë C-P· P”P”PµP—.

P†PSC,,PsCĤPjP°C†C-CĤ Cř PrP°PSPsPjCř CĤPsP·PrC-P»C- PSPµ CĤC,PsCĤCřC”C,CHCĤCĤ
PİP°C†C-C”PSC,C-PI C-P· P”P”PµP—.

***P—PrP°C,PSC-CĤC,CH PIPİP»PëPIP°C,Pë PSP° C€PIPëPrPeC-CĤC,CH CĤPµP°PeC†C-C—
PİCĤPë PePµCĤCžPIP°PSPSC- P°PIC,PsC,CĤP°PSCĤPİPsCĤC,PsPj P°P±Ps C-PSC€PëPjPë
PjPµC...P°PSC-P·PjP°PjPë.***

P—PrP°C,PSC-CĤC,CH PePµCĤCřPIP°C,Pë P°PIC,PsC,CĤP°PSCĤPİPsCĤC,PsPj C,P°
PİCĤP°C†CĤPIP°C,Pë P· C-PSC€PëPjPë PjPµC...P°PSC-P·PjP°PjPë PjPsP¶Pµ
PİPsPiC-CĤC€PëC,PëCĤCĤ, PsCĤPsP±P»PëPIPs PSP° PİPsC±P°C,PeCř P»C-PeCřPIP°PSPSCĤ.

PŸPİPsCĤC-P± P·P°CĤC,PsCĤCžPIP°PSPSCĤ C,P° PrPsP·Pë.

PµCĤPµPİP°CĤP°C, PµP°CĤPrCřCĤP°^{B®} PjPsP¶PSP° PİCĤPëPNëPjP°C,Pë CĤPe CřCĤP°PSC†C-,
C,P°Pe C- PİPİPµC±PµCĤC-.

PµCĤPµPİP°CĤP°C, P·P°CĤC,PsCĤPsPICřCĤC,CH PİPµCĤPsCĤP°P»CHPSPs.

PĥCĤC,PµCĤC-P°P»CHPSP° PiC-PİPµCĤC,PµPSP·C-CĤ.

PµCĤPµPİP°CĤP°C, CĤP»C-Pr P·P°CĤC,PsCĤPsPICřPIP°C,Pë 1 CĤP°P· PSP° PrPsP±Cř.
PµPsC±P°C,PePsPIP° PrPsP·P° CĤC,P°PSPsPIPëC,CH 1 PjPi, C%PsP± P·PIPµCĤC,Pë PrPs
PjC-PSC-PjCřPjCř CĤPëP·PëPe CĤPsP·PIPëC,PeCř PsCĤC,PsCĤC,P°C,PëC±PSPsC—
P°CĤC,PµCĤC-P°P»CHPSPsC— PiC-PİPsC,PµPSP·C-C— C,P°/P°P±Ps CĤPëPSPePsPİPµ (PrPëPI.
CĤPsP·PrC-P» B«PhCĤPsP±P»PëPIPsCĤC,C- P·P°CĤC,PsCĤCřPIP°PSPSCĤB»). PµC-CĤP»CĤ 1-2
C,PëP¶PSC-PI PİPsC±P°C,PePsPIPsC— C,PµCĤP°PİC-C— PrPsP·Cř PjPsP¶PSP°
PİC-PrPIPëC%PëC,Pë PrPs 2 PjPi, P° PİPsC,C-Pj, CĤPeC%Ps PSPµPsP±C...C-PrPSPs, C- PrPs
4 PjPi. Pj P±C-P»CHC€PsCĤC,C- PİP°C†C-C”PSC,C-PI PIC-PrPİPsPIC-PrCH PSP°
C,PµCĤP°PİC-CĤ CĤPİPsCĤC,PµCĤC-PİP°C”C,CHCĤCĤ PİCĤPë P·P°CĤC,PsCĤCřPIP°PSPSC-
PİCĤPµPİP°CĤP°C,Cř Cř PrPsP·C- 4 PjPi P°P±Ps PSPëP¶C†C-PNë. PİPeC%Ps
PSPµPsP±C...C-PrPSPs, PrPsP·Cř PİCĤPµPİP°CĤP°C,Cř PjPsP¶PSP° PİC-PrPIPëC%PëC,Pë PrPs
8 PjPi P°P±Ps PrPs PjP°PeCĤPëPjP°P»CHPSPsC— CĤPµPePsPjPµPSPPrPsPIP°PSPsC— PrPsP·Pë Bĥ”
16 PjPi.

*P”PsP±CĤPsCĤPeC-CĤPSP° PiC-PİPµCĤPİP»P°P·C-CĤ PİPµCĤPµPrPjC-C...CžCĤPsPIPsC—
P·P°P»PsP·Pë.*

P PµPePsPjPµPSPPrPsPIP°PSP° PİPsC±P°C,PePsPIP° PrPsP·P° PİCĤPµPİP°CĤP°C,Cř
PµP°CĤPrCřCĤP°^{B®} CĤC,P°PSPsPIPëC,CH 1 PjPi 1 CĤP°P· PSP° PrPsP±Cř, C%PsP±
P·PIPµCĤC,Pë PrPs PjC-PSC-PjCřPjCř CĤPëP·PëPe CĤPsP·PIPëC,PeCř
PsCĤC,PsCĤC,P°C,PëC±PSPsC— P°CĤC,PµCĤC-P°P»CHPSPsC— PiC-PİPsC,PµPSP·C-C—
C,P°/P°P±Ps CĤPëPSPePsPİPµ (PrPëPI. CĤPsP·PrC-P» B«PhCĤPsP±P»PëPIPsCĤC,C-
P·P°CĤC,PsCĤCřPIP°PSPSCĤB»). P—P°P»PµP¶PSPs PIC-Pr C-PSPPrPëPIC-PrCřP°P»CHPSPëC...

PsCfPsP±P»PëPIPsCfC,PµPNë CrCfPsPrPëPSP°PjC-PePë PïP°C†C-C"psc,P° C,P°
CfPëPjPïC,PsPjC-PI P"P"PµP—, PrPsP·Cr PjPsP¶PSP° PïC-PrPIPëC%PëC,Pë PrPs 2 PjPi, PïPsC,C-Pj
PrPs 4 PjPi C- PrPs PjP°PeCfPëPjP°P»CHbSPsC— CfPµPePsPjPµPSPrPsPIP°PSPsC— PrPsP·Pë бҒ“
8 PjPi. P PµPePsPjPµPSPrPsPIP°PSPëPNë C-PSC,PµCfPIP°P» PïC-PrP±PsCfCr PrPsP·Pë
CfC,P°PSPsPIPëC,CH 1-2 C,PëP¶PSC-. P—PIPëC†P°PNëPSP° CfPµPePsPjPµPSPrPsPIP°PSP°
PrPsP·P° PïCfPµPïP°CfP°C,Cr CfC,P°PSPsPIPëC,CH 2-4 PjPi PSP° PrPsP±Cr.

*PµP°C†C-C"psc,P°Pj P»C-C,pschbPsPiPs PIC-PeCž CfP»C-Pr P·P°CfC,PsCfPsPICfPIP°C,Pë
P·PIPëC†P°PNëPSC- PrPsP·Pë PrP»C¶ PrPsCfPsCfP»PëC....*

*PµP°C†C-C"psc,P°Pj C-P· PïPsCfCžCëPµPSPSC¶Pj C„CžPSPeC†C-C— PSPëCfPsPe CfP»C-Pr
P·P°CfC,PsCfPsPICfPIP°C,Pë P·PIPëC†P°PNëPSC- PrPsP·Pë PrP»C¶ PrPsCfPsCfP»PëC...,
PsCfPeC-P»CHbPePë C„P°CfPjP°PePsPeC-PSPµC,PëC†PSC- PïP°CfP°PjPµC,CfPë
PïCfPµPïP°CfP°C,Cr PïCfPë PïPsCfCrCëPµPSPSC- C„CrPSPeC†C-C— PSPëCfPsPe PSPµ
P·PjC-PSCfCfC,CHCfC¶.*

PµP°CfPrCrCfP°^{B®} PSPµ PIPëPIPsPrPëC,CHCfC¶ P· PsCfPiP°PSC-P·PjCr P·P°
PrPsPïPsPjPsPiPsCf PïPµPjPsPrC-P°P»C-P·Cr.

*PµP°C†C-C"psc,Pë P· PïPsCfCžCëPµPSPSC¶PjPë C„CžPSPeC†C-C— PïPµC†C-PSPePë. PkP°
PrP°PSPëPNë C†P°Cf C-PSC„PsCfPjP°C†C-C¶ C%PsPrPs P·P°CfC,PsCfCrPIP°PSPSC¶
PïCfPµPïP°CfP°C,Cr PïP°C†C-C"psc,P°Pj C-P· PïPsCfCrCëPµPSPSC¶PjPë C„CrPSPeC†C-C—
PïPµC†C-PSPePë C,P° C%PsPrPs PIPïP»PëPICr PïCfPµPïP°CfP°C,C-PI, P·PrP°C,PSPëC...
P·PjC-PSCfPIP°C,Pë PïPµC†C-PSPePsPIPëPNë PjPµC,P°P±PsP»C-P·Pj (PSP°PïCfPëPeP»P°Pr,
C†PëPjPµC,PëPrPëPSCr), C" PsP±PjPµP¶PµPSPsCf. PïPe C- PïCfPë P·P°CfC,PsCfCrPIP°PSPSC-
C-PSCëPëC... PïCfPµPïP°CfP°C,C-PI, C%Ps PïPsPIPSC-CfC,Cf
PjPµC,P°P±PsP»C-P·CrCfC,CHCfC¶ PïPµC†C-PSPePsCf, PïP°C†C-C"psc,P°Pj C-P·
PsP·PSP°PeP°PjPë PïPsCfCrCëPµPSCf C„CrPSPeC†C-C— PïPµC†C-PSPePë PïCfPµPïP°CfP°C,
CfP»C-Pr PïCfPëP·PSP°C†P°C,Pë P· PsP±PµCfPµP¶PSC-CfC,Cf (PrPëPI. CfPsP·PrC-P»
B«PhCfPsP±P»PëPIPsCfC,C- P·P°CfC,PsCfCrPIP°PSPSC¶B» C,P°
B«PαP°CfPjP°PePsPeC-PSPµC,PëPeP°B»).*

P"C-C,Pë.

P'PµP·PïPµPeP° C,P° PµC„PµPeC,PëPIPSC-CfC,CH P·P°CfC,PsCfCrPIP°PSPSC¶
P»C-PeP°CfCfCHbPePsPiPs P·P°CfPsP±Cr PµP°CfPrCrCfP°^{B®} PrC-C,C¶Pj PSPµ
PrPsCfP»C-PrP¶CfPIP°P»PëCfC¶.

PµPµCfPµPrPsP·CžPIP°PSPSC¶.

PïPeC%Ps PïPµCfPµPrPsP·CrPIP°PSPSC¶ PïCfPµPïP°CfP°C,Cr PïCfPëP·PIPµP»Ps PrPs
P°CfC,PµCfC-P°P»CHbSPsC— PïC-PïPsC,PµPSP·C-C—, PïP°C†C-C"psc,P° CfP»C-Pr
C,PµCfPjC-PSPsPIPs PïPsPeP»P°CfC,Pë PSP° CfPïPëPSCr, PsPïCfCfC,PëPICëPë PiPsP»PsPICr
PIPSPëP·. P' PsPeCfPµPjPëC... PIPëPïP°PrPeP°C... PjPsP¶PSP° PIP¶PëC,Pë C-PSCëC-
CfPëPjPïC,PsPjP°C,PëC†PSC- P·P°C...PsPrPë.

PïPeC%Ps CfPëPjPïC,PsPjP°C,PëC†PSPëC... P·P°C...PsPrC-PI PSPµPrPsCfC,P°C,pschbPs, PrP»C¶
P»C-PeCrPIP°PSPSC¶ CëPsPeCr PïPµCfCëPsC†PµCfPiPsPIPs CfP»C-Pr P·P°CfC,PsCfCrPIP°C,Pë
PïP»P°P·PjPsP·P°PjC-PSPSPëPePë. PµC-CfP»C¶ C†CHbPsPiPs PïCfPë

PSP_μPsP±C...C-PrPSPsCfC,C- CfP»C-Pr P·P°CfC,PsCfCfPIP°C,Pë
CfCfPrPëPSPsP·PICfP¶CfPIP°P»CHbPSC- PïCfPμPïP°CfP°C,Pë. PŸP»C-Pr
CfPïPsCfC,PμCfC-PiP°C,Pë P·P° CfC,P°PSPsPj C,,CfPSPeC†C-C— PSPëCfPSPe C,P° PïCfPë
PSP_μPsP±C...C-PrPSPsCfC,C- P·P°CfC,PsCfPSPICfPIP°C,Pë PïC-PrC,CfPëPjCfCfC-
P·P°C...PsPrPë.

P“PμPjPsPrC-P°P»C-P· PSPμ PïPsPeP°P·P°PSPëPNë, PsCfPeC-P»CHbPePë PrPsPeCfP°P·PsP·PëPS
P·PSP°C†PSPsCf PjC-CfPSPsCf P·PiBf™ C¶P·CfC”C,CHbCfC¶ P· P±C-P»PeP°PjPë PïP»P°P·PjPë
PeCfPSPIC-.

PμPsP±C-C†PSC- CfPμP°PeC†C-C—.

PfCfC,PμCfC-P°P»CHbPSP° PiC-PïPμCfC,PμPSP·C-C¶.

Pj PeP»C-PSC-C†PSPëC... PrPsCfP»C-PrP¶PμPSPSC¶C... P· CfC†P°CfC,Cf PïP°C†C-C”PSC,C-PI
P· P°CfC,PμCfC-P°P»CHbPSPsCf PiC-PïPμCfC,PμPSP·C-Cf PSP°PNëC†P°CfC,C-C¶Pμ
PIPëPSPëPeP°P»Pë PïPsP±C-C†PSC- CfPμP°PeC†C-C— PïPsCfC,CfCfP°P»CHbPSPsPiPs C,PëPïCf
(C¶PeC- Cf CfC-PrPeC-CfPSPëC... PIPëPïP°PrPeP°C... CfCfPïCfPSPsPiPsPrP¶CfPIP°P»PëCfC¶
PIC,CfP°C,PsCf CfPIC-PrPsPjPsCfC,C-), P°P±Ps PSPμCfPïPμC†PëC,,C-C†PSC- PïPsP±C-C†PSC-
CfPμP°PeC†C-C—.

*P”PsP±CfPSPsC¶PeC-CfPSP° PiC-PïPμCfPïP»P°P·C-C¶ PïPμCfPμPrPjC-C...CžCfPSPsC—
P·P°P»PsP·Pë.*

P—P° PrP°PSPëPjPë PePsPSC,CfPSP»CHbPsPIP°PSPëC... PeP»C-PSC-C†PSPëC...
PrPsCfP»C-PrP¶PμPSCb, Cf PïP°C†C-C”PSC,C-PI C-P· P”P“PμP— CfPïPsCfC,PμCfC-PiP°PICfC¶
C,P°PePëPNë CfP°PjPëPNë PïCfPSPsC,,C-P»CHb PïPsP±C-C†PSPëC... CfPμP°PeC†C-PNë, C¶Pe C- Cf
PïP°C†C-C”PSC,C-PI P· P°CfC,PμCfC-P°P»CHbPSPsCf PiC-PïPμCfC,PμPSP·C-Cf.

P”P»C¶ PsC†C-PSPePë C†P°CfC,PsC,Pë PIPëPSPëPePSPμPSPSC¶ PïPsP±C-C†PSPëC... PrC-PNë
PIPëPePsCfPëCfC,PsPICfC”C,CHbCfC¶ PSP°CfC,CfPïPSP° PeP»P°CfPëC,,C-PeP°C†C-C¶:
PrCfP¶Pμ C†P°CfC,Ps (≥ 1/10), C†P°CfC,Ps (≥ 1/100 C- < 1/10), PSPμC†P°CfC,Ps (≥ 1/1000 C-
< 1/100), CfC-PrPePs (≥ 1/10000 C- < 1/1000), PrCfP¶Pμ CfC-PrPePs (< 1/10000), C,P°
C†P°CfC,PsC,P° PSPμPIC-PrPsPjP° (PSPμPjPsP¶P»PëPIPs PsC†C-PSPëC,Pë PSP°
PïC-PrCfC,P°PIC- C-CfPSCfCfC†PëC... PrP°PSPëC...).

P†PSC,,PμPeC†C-C— C,P° C-PSPIP°P·C-C—.

P§P°CfC,Ps: C-PSC,,PμPeC†C-C— PrPëC...P°P»CHbPSPëC... C¶P»C¶C...C-PI, C-PSC,,PμPeC†C-C—
CfPμC†PsPIPëPIC-PrPSPëC... C¶P»C¶C...C-PI.

P— P±PsPeCf CfPëCfC,PμPjPë PeCfPSPIC- C,P° P»C-PjC,,P°C,PëC†PSPsC— CfPëCfC,PμPjPë.

P”CfP¶Pμ CfC-PrPePs: P»PμPNëPePsPïPμPSC-C¶, C,CfPSPjP±PsC†PëC,PsPïPμPSC-C¶.

P— P±PsPeCf C-PjCfPSPSPsC— CfPëCfC,PμPjPë.

PkPμC†P°CfC,Ps: P°P»PμCfPiC-C†PSC- CfPμP°PeC†C-C—.

PbPμC,P°P±PsP»C-C†PSC- C,P° P°P»C-PjPμPSC,P°CfPSC- CfPSP·P»P°PrPë.

РкРµС±Р°СЃС,Рѕ: РїРѕРрР°РїСђР°, РїС-РрРїРёС%РµРѕРµРѕРѕРѕРѕ Р°РїРµС,РёС,Ср, РїС-РрСЃС,РѕС-СЃС,Сђ Р°РїРµС,РёС,Ср.

PuClPöC...C-C#PSC- PöPsCöCrC€PµPSPSCü.

[illegible]

P— P±PsPeCr PSPuCTjPIPsPIPsC— CÍPëCÍC,PuPjPë.

$P\dot{S}P^{\circ}C\dot{I}^{\circ}C$, Ps : $C\dot{I}^{\circ}PsPSP \gg P\ddot{e}PIC - C\dot{I}^{\circ}C, CH$, $P \cdot P^{\circ}P\dot{i}P^{\circ}PjPsC\dot{H}jPsC\ddot{+}P_{\mu}PSPSC\dot{I}$, $PiPSP \gg PsPIPSP\ddot{P}Pn$,
 $P\pm C - P \gg CH$.

$$\text{P}\ddot{\text{K}}\text{P}_{\mu}\text{C}\ddagger\text{P}^{\circ}\text{C}\dot{\text{I}}\text{C}, \text{Ps: C-PSC}\dot{\text{I}}\text{C}\dot{\text{r}}\text{P}\gg\text{CHC},, \text{PiC-P}\ddot{\text{I}}\text{P}_{\mu}\text{C}\dot{\text{I}}\text{C}, \text{P}_{\mu}\text{P}\cdot\text{C-Cl}, \text{C}\dot{\text{I}}\text{P}\ddot{\text{e}}\text{PSPePsP}\ddot{\text{I}}\text{P}_{\mu}, \text{C,C}\ddot{\text{H}}\text{P}_{\mu}\text{PjPsC}\ddot{\text{H}}.$$
$$P''CrP\Pi P_{\mu} C\tilde{H}C-PrPePs: PsC\tilde{H}C, PsC\tilde{I}C, P^{\circ}C, P\ddot{e}C\ddagger PSp_{\mu} P \cdot P^{\circ}P\ddot{i}P^{\circ}P_jPsC\tilde{H}PsC\ddagger P_{\mu}PSPSC\downarrow, \\ P\ddot{i}P^{\circ}C\tilde{H}P_{\mu}C\tilde{I}C, P_{\mu}P \cdot C-C\downarrow.$$

P— P±PsPeCr' PsCH₂PiP°PSC-PI P·PsCH₂Cr'.

$$\text{P}^{\text{r}}\text{CrP}^{\text{r}}\text{Pu} \text{ C}\ddot{\text{H}}\text{C}-\text{PrPePs: PSp}\mu\text{C}\ddot{\text{C}}-\text{C,PeC}-\text{C}\ddot{\text{C}},\text{CH P}\cdot\text{PsC}\ddot{\text{H}}\text{Cr}.$$

$P\bar{S}P^{\circ}C\bar{I}^{\circ}C, PsC, P^{\circ}PSP_{\mu}PIC-PrPsPjP^{\circ}: C-PSC, C\bar{H}P^{\circ}PsP\bar{i}P_{\mu}C\bar{H}P^{\circ}C\bar{I}^{\circ}C-PN_{\circ}PSP\bar{e}PN_{\circ}C\bar{I}^{\circ}P\bar{e}PSPrC\bar{H}PsPj$
 $PIB\bar{H}^{\text{TM}}C\bar{I}P\gg PsC-C\bar{H}P^{\circ}PN_{\circ}PrC\bar{I}P\bar{I}PSPsC-PsP\pm PsP\gg PsPSPeP\bar{e}(PrP\bar{e}PI, C\bar{H}PsP-PrC-P\gg$
 $B\ll PhC\bar{I}^{\circ}PsP\pm P\gg P\bar{e}PIPsC\bar{I}^{\circ}C, C-P^{\circ}C\bar{I}^{\circ}C, PsC\bar{I}^{\circ}C\bar{I}PIP^{\circ}PSPSCIB\gg).$

P— P±PsPeCr° PsCHPiP°PSC-PI CÍP»CrC...Cr C,P° CHC-PIPSsPiP°PiPë.

PSP^oCTC,Ps: PIP_μCTC,PëPiPs.

$$P_k P_\mu C \pm P^\circ C \Gamma C, P_s: C \in C \Gamma P_j C \Gamma P I C \Gamma C \dots P^\circ C \dots$$

P— P±PsPeCř CřPµCřC†CŮ.

$$\text{P}\delta\text{P}^\circ\text{C}\dot{\Gamma}\text{C}, \text{Ps: P}\ddot{\text{P}}\text{S}\text{C}\dot{\Gamma}\text{P}\ddot{\text{P}}\text{P}\gg\text{P}_{\mu}\text{P}\text{S}\text{P}_{\mu}\text{C}\dot{\Gamma}\text{P}_{\mu}\text{C}\dot{\Gamma}\text{C}\dagger\text{P}_{\mu}\text{P}\pm\text{P}\ddot{\text{P}}\text{C}, \text{C}, \text{C}\dot{\Gamma}, \text{C}, \text{P}^\circ\text{C}\dots\text{C}-\text{P}\epsilon\text{P}^\circ\text{C}\dot{\Gamma}\text{P}\dot{\Gamma}\text{C}-\text{C}\dot{\Gamma}.$$
$$\text{P}\ddot{\text{K}}\text{P}\mu\text{C}\ddagger\text{P}^{\circ}\text{C}\dot{\text{I}}\text{C}, \text{Ps: C}\dot{\text{I}}\text{C}, \text{P}\mu\text{PSPsPeP}^{\circ}\text{C}\dot{\text{H}}\text{PrC}-\text{Cl}, \text{C-PSC}, \text{P}^{\circ}\text{C}\dot{\text{H}}\text{PeC}, \text{PjC-PsPeP}^{\circ}\text{C}\dot{\text{H}}\text{PrP}^{\circ}.$$
$$\text{P}^{\text{r}}\text{Cr}^{\text{r}}\text{P}^{\text{r}}\text{P}^{\text{r}}\text{C}-\text{PrPePs: P}\pm\text{C}\text{H}\text{P}^{\text{r}}\text{PrP}\ddot{\text{e}}\text{PeP}^{\text{r}}\text{C}\text{H}\text{PrC}-\text{Cl}, \text{Cl}^{\text{r}}\text{P}^{\text{r}}\text{C}\text{H}\text{Cl}^{\text{r}}\text{P}^{\text{r}}\text{PIC}-\text{P}^{\text{r}}\text{C}\text{H}\text{P}\ddot{\text{e}}\text{C}, \text{PjC}-\text{C}-.$$

P— P±PsPεCř CřCřPřPëPS.

$$\text{PSP}^\circ\text{C}\dot{\text{I}}\text{C}, \text{Ps: P}^\circ\text{C}\dot{\text{H}}\text{C}, \text{P}_{\mu}\text{C}\dot{\text{H}}\text{C}-\text{P}^\circ\text{P} \gg \text{CHbPSP}^\circ \text{PiC}-\text{P}\ddot{\text{I}}\text{PsC}, \text{P}_{\mu}\text{PSP}\cdot\text{C}-\text{C}\dot{\text{I}}, \text{PsC}\dot{\text{H}}\text{C}, \text{PsC}\dot{\text{I}}\text{C}, \text{P}^\circ\text{C}, \text{P}\ddot{\text{C}}\ddagger\text{PSP}^\circ \\ \text{P}^\circ\text{C}\dot{\text{H}}\text{C}, \text{P}_{\mu}\text{C}\dot{\text{H}}\text{C}-\text{P}^\circ\text{P} \gg \text{CHbPSP}^\circ \text{PiC}-\text{P}\ddot{\text{I}}\text{PsC}, \text{P}_{\mu}\text{PSP}\cdot\text{C}-\text{C}\dot{\text{I}}.$$

P"CrP¶Pµ CḦC-PrPePs: PïCḦPePïP»PëPIPë.

P— P±PsPeCr PrPëC...P°P»CHbPSPsC— CÍPëCÍC,PuPjPë, PiCñCrPrPSPsC— PeP»C-C,PePë C,P° CÍPuCñPuPrPsCÍC,C-PSPSCI.

$$\text{P}\Psi^{\circ}\text{C}\dot{\text{T}}\text{C}, \text{Ps: P}\pm\text{C}\dot{\text{T}}\text{P}\Psi\text{PSC}\dots\text{C-C}, \text{P}\epsilon\text{P}^{\circ}\text{C}\epsilon\text{P}\mu\text{P}\gg\text{CH}, \text{P}\cdot\text{P}^{\circ}\text{P}\dot{\text{T}}\text{P}\epsilon\text{C}\epsilon\text{P}\epsilon^{\circ}, \text{C}\dot{\text{T}}\text{P}\epsilon\text{PSC-C},$$
$$\text{P}\ddot{\text{K}}\text{P}\ddot{\text{u}}\text{C}\ddot{\text{P}}^{\circ}\text{C}\dot{\text{I}}\text{C},\text{Ps}:\text{PSPsC}\dot{\text{I}}\text{PsPIP}^{\circ}\text{P}\ddot{\text{e}}\text{C}\dot{\text{H}}\text{PsPIP}\text{sC},\text{P}\ddot{\text{u}}\text{C}\ddot{\text{P}}^{\circ}.$$
$$P''CrP\uparrow Pu\ C\overline{H}C-PrPePs: P\pm C\overline{H}PsPSC...PsC\overline{I}P\ddot{i}P^{\circ}P\cdot Pi.$$

P— P±PsPeCř CЄP»CřPSPePsPIPs-PePëCЄPePsPIPsPiPs C,CђP°PeC,Cř.

PђP°CřC,Ps: P±C-P»CH Cř P¶PëPIPsC,C-, PrPëCřPiPµPiCřC-CЀ, CřCřC...C-CřC,CH Cř CђPsC,C-, PSCřPrPsC,P°.

PќPµC‡P°CřC,Ps: P·P°PiPsCђ, PjPµC,PµPsCђPëP·Pj, P±P»CђPIP°PSPSCЀ, PiP°CřC,CђPsPµPSC,PµCђPëC,, PrC-P°CђPµCЀ.

P°PµPiP°C,PsP±C-P»C-P°CђPSC- CђPsP·P»P°PrPë.

PќPµC‡P°CřC,Ps: PIC-PrC...PëP»PµPSPSCЀ PIC-Pr PSPsCђPjPë PiPsPeP°P·PSPëPeC-PI C,,CřPSPeC†C-C— PiPµC‡C-PSPePë.

P°CřP¶Pµ CђC-PrPePs: C...PsP»PµCřC,P°P·, PiPµPiP°C,PëC,, P¶PsPIC,CЀPSPëC†CЀ.

P— P±PsPeCř CЄPeC-CђPë C,P° PiC-PrCЄPeC-CђPSPsC— C,PeP°PSPëPSPë.

PђP°CřC,Ps: CřPIPµCђP±C-P¶.

PќPµC‡P°CřC,Ps: PIPëCřPëPiP°PSPSCЀ PSP° CЄPeC-CђC-.

P°CřP¶Pµ CђC-PrPePs: PeCђPsPiPëPIBђ™ CЀPSPeP°, P°P»PsPiPµC†C-CЀ, PiCřCђPiCřCђP°.

P— P±PsPeCř PsPiPsCђPSPs-CђCřC...PsPIPsPiPs P°PiP°CђP°C,Cř C,P° CřPiPsP»CřC‡PSPsC— C,PeP°PSPëPSPë.

PђP°CřC,Ps: P±C-P»CH Cř CřPiPëPSC-, PjC-P°P»PiC-CЀ.

PќPµC‡P°CřC,Ps: P°CђC,CђP°P»PiC-CЀ.

P C-PrPePs: PjBђ™ CЀP·PsPIC- CřPiP°P·PjPë, PjBђ™ CЀP·PsPIP° CřP»P°P±PeC-CřC,CH.

P— P±PsPeCř PSPëCђPsPe C,P° CřPµC‡PsPIPëPIC-PrPSPsPiPs C,CђP°PeC,Cř.

PђP°CřC,Ps: C†PëCřC,PëC,, PSPµC,CђPëPjP°PSPSCЀ CřPµC‡C-.

PќPµC‡P°CřC,Ps: PrPëP·CřCђC-CЀ, C‡P°CřC,Pµ CřPµC‡PsPIPëPiCřCřPeP°PSPSCЀ, PiPµPjP°C,CřCђC-CЀ.

P C-PrPePs: PiPsP»C-CřCђC-CЀ.

P°CřP¶Pµ CђC-PrPePs: PiC-PrPIPëC%PµPSPëPN PrC-CřCђPµP·, CђPsP·P»P°PrPë CřPµC‡PsPIPëPiCřCřPeP°PSPSCЀ, PSC-PeC,CřCђC-CЀ.

P— P±PsPeCř CђPµPiCђPsPrCřPeC,PëPIPSPsC— CřPëCřC,PµPjPë C,P° PjPsP»PsC‡PSPëC... P·P°P»PsP·.

PќPµC‡P°CřC,Ps: C-PjPiPsC,PµPSC†C-CЀ.

P°CřP¶Pµ CђC-PrPePs: PiC-PSPµPePsPjP°CřC,C-CЀ, PiCђC-P°PiC-P·Pj.

PђP°CřC,PsC,P° PSPµPIC-PrPsPjP°: CђPµC,CђPsPiCђP°PrPSP° PµCЀPeCřP»CЀC†C-CЀ.

P—P°PiP°P»CHPSC- CђPsP·P»P°PrPë C,P° CђPµP°PeC†C-C— Cř PjC-CřC†C- PIPiPµPrPµPSPSCЀ.

**Р_НС-СГГ†Р_μР·Р_{SP}°С...Р_SР_ГР¶Р_μР_{SP}Р_{SC}Π Р_{IP}ëСГ_ГР_SР±Р_{SP}ëР_еР° С,Р° Р°Р°Р°СГ_ГР_μСГГ°
Р_ГС-СГГ†СΠ Р_ГСГ_ГР_SР_{IP}°Р_ГР¶Р_μР_{SP}Р_{SC}Π Р_N°Р_SР_ГР_S Р_ГС-СΠР»СГ_ГР_{SP}Р_SСГГ,С-.**

РѢСГГРІР°Р»СНРГР°Р»СН 1, 79108 РѢСГР°РНєР±СГСГРі Р†Рј Р'СГР°РНєСГРіР°СГ,
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